IN THE CLAIMS:

Please cancel originally-filed claims 1-16, and substitute claims 1-5 submitted pursuant to PCT Article 34, and add new claims 17-21 as provided below. The listing and status of these claims are provided as follows, on separate sheets:

Claims 1-16 (Cancelled).

17. (New) A system, comprising:

a server-side computing arrangement configured to provide numerical analysis data to a user-side computing arrangement which is connected to a network to perform a numerical analysis regarding a working member and a forming member, the working and forming members being produced by using a predetermined material,

wherein the user-side computing arrangement comprises:

i.   an first arrangement configured to input a material name and a property item,

ii.   a second arrangement configured to store addresses of the server-side computing arrangement corresponded to the material name and the property item, and

iii.   a third arrangement configured to transmit the material name and the property item to the server-side computing arrangement having the address corresponded to the material name and the property item inputted from the first arrangement,

wherein the server-side computing arrangement comprises:

i.   a fourth arrangement configured to store the material name and the property item corresponding to one or more types of (a) material property data from a mechanical property value, (b) a thermal physical property value, or (c) an electromagnetic property value as for a number of materials,

ii.   a fifth arrangement configured to receive the material name and the property item transmitted from the third arrangement of the user-side computing arrangement,

iii.   a sixth arrangement configured to extract the one or more types of (a) the material property data from the mechanical property value, (b) the thermal physical property value, or (c) the electromagnetic property value corresponding to the material name and the property item stored by the fourth arrangement based on the received material name and the property item, and

iv.   a seventh arrangement configured to transmit the material property data extracted by the sixth arrangement to the user-side computing arrangement, and

wherein the user-side computing arrangement further comprises:

i.   an eighth arrangement configured to receive the material property data transmitted from the seventh arrangement of the server-side computing arrangement, and

ii.   a ninth arrangement configured to perform a numerical analysis by using the material property data such that the user is unconcerned regarding substances of the material property data.

18. (New) The system according to claim 17, wherein the server-side computing arrangement further comprises a tenth arrangement configured to avail the material property data to the ninth arrangement and precluding the user from having access

thereto when the material property data extracted by the sixth arrangement is transmitted to the user-side computing arrangement.

19. (New) A system for providing numerical analysis data to a user-side computing arrangement connected to a network to perform a numerical analysis regarding a working member and a forming member created using a predetermined material, comprising:

a first arrangement configured to store a material name and a property item which corresponding to one or more types of (a) material property data from a mechanical property value, (b) a thermal physical property value, or (c) an electromagnetic property value provided for a number of materials;

a second arrangement configured to receive the material name and the property item transmitted from the user-side computing arrangement;

a third arrangement configured to extract the one or more types of (a) the material property data from the mechanical property value, (b) the thermal physical property value, and (c) the electromagnetic property value corresponding to the material name and the property item stored by the first arrangement based on the received material name and the property item;

a fourth arrangement configured to transmit the material property data extracted by the third arrangement to the user-side computing arrangement; and

a fifth arrangement configured to avail the material property data a numerical analysis arrangement provided in the user-side computing arrangement and unavailable to a user when the material property data extracted by the third arrangement is transmitted to the user-side computing arrangement.

20. (New) A system for receiving a provision of numerical analysis data from a server-side computing arrangement connected to a network to perform a numerical analysis regarding a working member and a forming member created using a predetermined material, comprising:

a first arrangement configured to input a material name and a property item;

a second arrangement configured to store addresses of the server-side computing arrangement corresponded to the material name and the property item;

a third arrangement configured to transmit the material name and the property item to the server-side computing arrangement having at least one of the addresses corresponded to the material name and the property item inputted from the first arrangement,

a third arrangement configured to receive the material property data extracted from a material property data storage arrangement based on the material name and the property item and transmitted at the server-side computing arrangement; and

a fourth arrangement configured to perform a numerical analysis using the material property data such that the user is unconcerned regarding substances of the material property data.

21. (New) A method for providing numerical analysis data by a server-side computing arrangement to a user-side computing arrangement which is connected to a network to perform a numerical analysis regarding a working member and a forming member created using a predetermined material, comprising:

transmitting a material name and a property item to the server-side computing arrangement having an address corresponded to the material name and the property item inputted from an input arrangement at the user-side computing arrangement,

receiving the material name and the property item transmitted from the user-side computing arrangement;

extracting one or more types of material property data from (a) a mechanical property value, (a) a thermal physical property value, or (c) an electromagnetic property value corresponding to the material name and the property item stored by a material property data storage arrangement in which the material name and the property item are stored which correspond to one or more types of the material property data from (a) the mechanical property value, (b) the thermal physical value, or (c) the electromagnetic property value for a number of materials based on the received material name and the property item;

transmitting the extracted material property data to the user-side computing arrangement so as to be available to a numerical invisible to a user at the server-side computing arrangement; and

receiving, at the user-side computing arrangement, the material property data transmitted from the server-side computing arrangement.